

Tri-State Motor Transit

Carrier's No. 657974

Name of Carrier

RECEIVED subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

AT ~~Marion, Ohio~~ Niagara Falls, NY 9/14, 19 84 From METALS DIVISION Umetco Minerals Corp
UNION CARBIDE CORPORATION

For use via carrier truck under the exclusive/sole use shipments/movements

the property described below in apparent good order, except as noted (contents and condition of contents of packages unknown) marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official, Southern, Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading, including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns

Consigned to UCC Metals Division Umetco Minerals Corporation SHIPPER'S ORDER NO CUSTOMER'S ORDER NO

Destination Uravan State Colorado County Montrose

Route Tri-State Motor Transit Car or Vehicle Initials 8240 No 440251 Seal 262516

Delivering Carrier USMCAD 051000

No Packages	Kind of Package, Description of Articles, Special marks, and Exceptions	*Weight (Sub to correction)	‡Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading if this shipment is to be delivered to the consignee without recourse on the consignor the consignor shall sign the following statement The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges (Signature of consignor) y y/y charges are to be prepaid write or stamp here "To Be Prepaid" ***** Third Party PREPAID (See below) Received \$ to apply in prepayment of the charges on the property described hereon Agent or Cashier Per (The signature here acknowledges only the amount prepaid) Charges advanced \$ This shipment is correctly described Correct weight is _____ lbs Subject to verification by the *L.G. Evans Umetco Minerals Corp. P.O. Box 97 Niagara Falls, NY 14301
9	Radioactive Materials, LSA, n o s	42494			
	Radioactive Material, UN-2912				
	U-Natural				
	Uranium/Thorium Residues (From Chemical Processing)				
	0 016 Max Curies per Package				
This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation					
Signed G.E. Walck					
Vehicle assigned for sole use of consignor. Do not load other freight on the vehicle, do not transfer in route and do not break the seal on truck					
Carrier hereby acknowledges that prior to or at the time this shipment was offered for transportation, the shipper provided or affixed according to applicable regulations the required placards or orange panels (including prescribed identification numbers) for each hazardous material named hereon					
Signed George J. New					

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

METALS DIVISION Umetco Minerals Corp.
UNION CARBIDE CORPORATION

Shipper

Per G.E. Walck
Permanent postoffice address of shipper UC 326-34

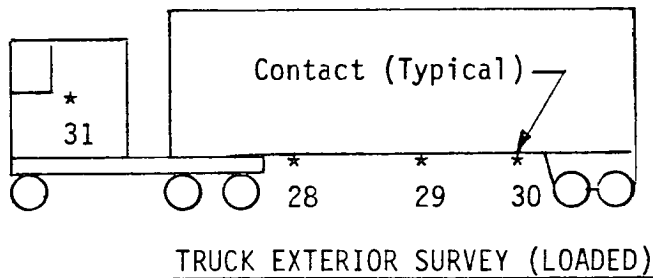
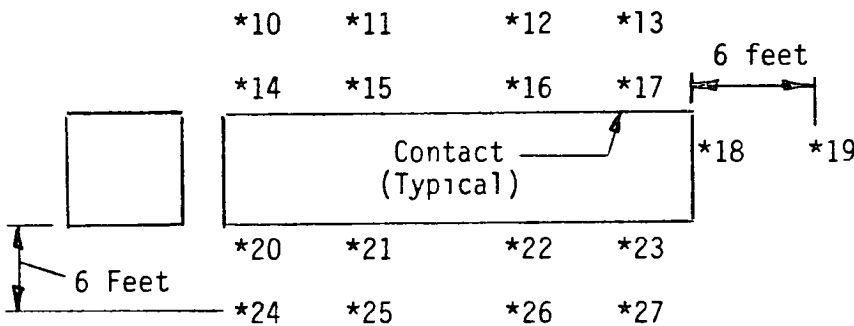
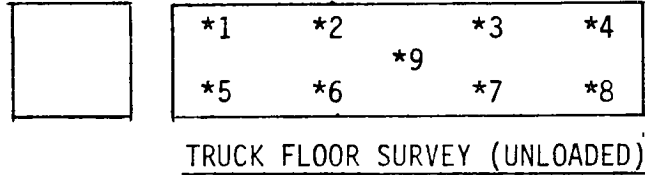
Agent
Per

UCCNHT0003032

UMETCO MINERALS CORPORATION
NIAGARA FALLS, NEW YORK

DATE 9-14-84
SHIPMENT NO. 615-4007

TRACTOR NO. 8246
TRAILER NO. 440251



NO.	δ	β
1	.005	60
2	.005	—
3	.006	—
4	.007	50
5	.005	60
6	.005	—
7	.006	—
8	.006	50
9	—	50
10	.013	—
11	.010	—
12	.010	—
13	.010	—
14	.015	—
15	.013	—
16	.020	—
17	.026	—
18	.012	—
19	.011	—
20	.012	—
21	.016	—
22	.021	—
23	.020	—
24	.009	—
25	.012	—
26	.008	—
27	.008	—
28	.034	—
29	.046	—
30	.034	—
31	.006	—

LEGEND:

* Location of Reading

δ = mR/hr Ludlum Model 19 (S/N 22534)

β = dpm/100 cm² Ludlum Model 15 (S/N 28886)
w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

S E Walker
(Survey performed by)

UCCNHT0003033

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-67 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4764

RADIATION SURVEY (Total)

CONTACT .026 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29502

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-68 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4940

RADIATION SURVEY (Total)

CONTACT .046 mR/hr.

3 FEET .015 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29503

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 70 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4936

RADIATION SURVEY (Total)

CONTACT .070 mR/hr.

3 FEET .020 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29505

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-71 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4522

RADIATION SURVEY (Total)

CONTACT .038 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29506

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0003037

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 72 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4576

RADIATION SURVEY (Total)

CONTACT .050 mR/hr.

3 FEET .015 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29507

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0003038

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 73 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4674

RADIATION SURVEY (Total)

CONTACT .024 mR/hr.

3 FEET .010 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29508

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-74 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4660

RADIATION SURVEY (Total)

CONTACT .036 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29509

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UCCNHT0003040

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR84-75 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4880

RADIATION SURVEY (Total)

CONTACT .038 mR/hr.

3 FEET .010 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29510

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

Umetco Minerals Corporation
Niagara Falls, New York

Date 9-12-84

CONTAINER SURVEY

BOX CONTROL NO. UR 84 - 76 BOX CAULKED YES
BOX BANDED YES BOX WEIGHT 4512

RADIATION SURVEY (Total)

CONTACT .026 mR/hr.

3 FEET .012 mR/hr.

INSTRUMENT Ludlum Model 19

SERIAL NUMBER 22534

RADIATION SURVEY (Removable)

SMEAR NO. A 29511

0 dpm/100cm² α

BKG dpm/100cm² β

INSTRUMENT NMC Model PC-55

SERIAL NUMBER 81-2712-05

UMETCO MINERALS CORPORATION
NIAGARA FALLS, NEW YORK

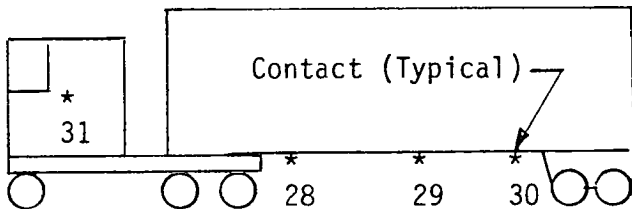
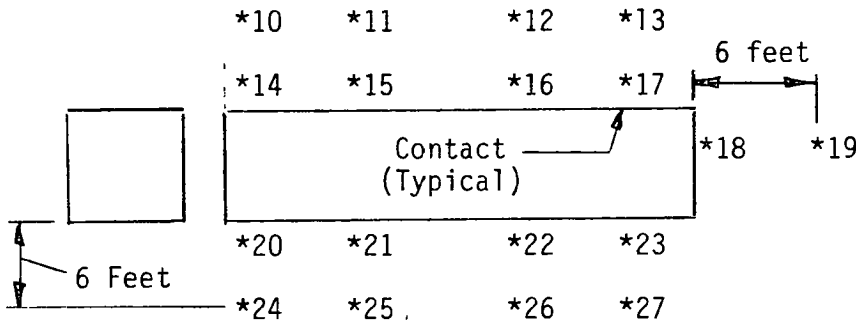
DATE 9-14-84
SHIPMENT NO. 615-4007

TRACTOR NO. 8246
TRAILER NO. 440251



*1	*2	*3	*4
	*9		
*5	*6	*7	*8

TRUCK FLOOR SURVEY (UNLOADED)



TRUCK EXTERIOR SURVEY (LOADED)

NO.	δ	β
1	.005	60
2	.005	—
3	.006	—
4	.007	50
5	.005	60
6	.005	—
7	.006	—
8	.006	50
9	—	50
10	.013	—
11	.010	—
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27	.008	—
28	.034	—
29	.046	—
30	.034	—
31	.006	—

LEGEND:

* Location of Reading

δ = mR/hr Ludlum Model 19 (S/N 22534)

β = dpm/100 cm² Ludlum Model 15 (S/N 28886)
w/Ludlum Model 44-9 Probe (S/N 12708) - Eff. 42%

S. E. Galt
(Survey performed by)

UCCNHT0003043